

CLAIMS:

1. (Original) A niobium wire that it is enriched with oxygen.
2. (Original) A niobium wire in accordance with Claim 1, wherein the oxygen is in a concentration of about 3,000 to 30,000 $\mu\text{g/g}$.
3. (Original) A process for producing oxygen-enriched niobium wire, comprising the steps of: treating niobium in an oxygen-containing atmosphere in a closed chamber at elevated temperature; and drawing the niobium treated in this way into wire.
4. (Original) A process in accordance with Claim 3, wherein the treating step is carried out in an atmosphere of air.
5. (Original) A process in accordance with Claim 3, wherein the drawing step includes drawing the niobium into wire having a diameter of 0.2-0.4 mm.
6. (Original) A process in accordance with Claim 3, wherein the treating step is carried out at temperatures of 600-800°C.
7. (Original) A process in accordance with Claim 3, wherein the treating step is carried out at pressures below 5 mbars.
8. (Original) A process in accordance with Claim 3, wherein the drawing step is carried out at room temperature.
9. (Original) Use of oxygen-enriched niobium wire for connection to niobium or niobium oxide capacitors.